**Tanaka, M.**, see Mizuki, Y., et al. 311

**Tanaka, M.**, see Nishikawa, T., et al. 374

**Tanaka, T.**, see Mizuki, Y., et al. 311

**Thayssen, P.**, see Møller, M., et al. 174

**Uchida, Y.**, see Nishikawa, T., et al. 374

**Villanueva, L.**, see Penalva, A., et al. 120

**Watson, B. A.**, see Robbins, T. W., et al. 113

**Weck, B.**, see Friedl, W., et al. 96

**Weise, C.**, see Rickels, K., et al. 14

**White, F. J., Holohean, A. M., Appel, J. B.**
Antagonism of a Behavioral Effect of LSD and Lisuride in the Cat 80

**White, J. M., Holtzman, S. G.**
Three-Choice Drug Discrimination: Phencyclidine-Like Stimulus Effects of Opioids 1

**Wiles, D.**, see Wistedt, B., et al. 101

**Williams, H. L., Rundell, O. H.**
Secobarbital Effects on Recall and Recognition in a Levels-of-Processing Paradigm 221

**Winokur, A.**, see Amsterdam, J. D., et al. 43

**Winter, K.**, see Holsboer, F., et al. 85

**Wistedt, B., Wiles, D., Jørgensen, A.**
A Depot Neuroleptic Withdrawal Study Neurological Effects 101

**Woolverton, W. L.**, see Foltin, R. W., et al. 342

**Wright, C.**, see Sahgal, A. 88

**Wyatt, R. J.**, see Stoff, D. M., et al. 319

**Yanai, J., Sze, P. Y.**
Isolation Reduces Midbrain Tryptophan Hydroxylase Activity in Mice 284

**Young, R., Rosecrans, J. A., Glennon, R. A.**
Behavioral Effects of 5-Methoxy-N,N-Dimethyltryptamine and Dose-Dependent Antagonism by BC-105 156

**Indexed in Current Contents**

# Subject Index

**A**

Acetylcholine 161
ACTH 85
Activity 325, 331
Activity, motor 319
Activity, spontaneous motor 10
Adrenaline 181
Affect 53
Alaproclate 279
Alcohol 53, 226
Alprazolam 275, 305
Alpha-Adrenoceptors 243
Alpha-Flupenthixol 113
Amitriptyline 14, 217, 249, 254
Amphetamine 24, 67, 78, 184, 287, 319, 342
Analgesia 267, 351
Angiotensin 143
Anorexia 287
Antagonism 315
Antagonists, dopaminergic 38
Antagonists, narcotic 1
Anticholinergics 10
Antidepressants 150, 206, 263, 355
Antidepressant, tricyclic 14
Antimuscarinic bias 129
Antipsychotics 342
Anxiety 305
Anxiolytics 311, 338
Apomorphine 113, 184, 319, 360
Appetite 199
Attention 67, 345
Auditory discrimination 125
Avoidance 19
Avoidance, active 129
Avoicance, passive 129
Avoidance learning 93

**B**

Baboon 263
Behavior 38, 345
Behavioral teratology 93
Behavior, operant 209, 325
Behavior, verbal 53
Benzodiazepines 178, 236
Benzodiazepine antagonists 192
Benzodiazepine receptors 166
Bicuculline 171
Blood alcohol level 53
Blood pressure 365
Blood pressure, orthostatic 174
Body temperature 365
Brief Psychiatric Rating Scale 190
Bromocriptine 360
Buprenorphine 19
Bupropion 199

**C**

Caloric intake 199
Cardiovascular system 106
Catecholaminergic system 120
Catecholamines 143, 184, 206, 345
Cats 83
Central effects 192
Cerebrospinal fluid 279
Chlordiazepoxide 35, 113
Choline 129
Cholinergic precursors 129
Cholinergic system 120
Cimetidine 275
Clonidine 243, 263, 374
Clozapine 29
Cocaine 113, 287
Cocaine analogues 113
Color discrimination 24
Conditioning, classical 287
Conditioning, operant 287
Consolidation 226
Convulsions 166, 365
Corticosteroids 85
Cyclazocine 1

**D**

DA-receptors 38
*d*-Amphetamine 113, 125, 231
Depression 14, 43, 206, 240
Desipramine 240
Desmethyldiazepam 178
Desmethylimipramine 263
Dexamethasone suppression test 43
Dextroamphetamine 199
Diazepam 61, 184, 305, 311
Direct-acting agonist 129
Discrimination 129
Discrimative stimulus 156
Dopamine 113, 143, 161, 209, 269, 345, 360
Dosage regimens 259
Drug discrimination 1
Drug effects, chronic 319
Drug interactions 74, 342
Drug stimulus 31
Dyskinesia 374

**E**

Effects, acute 376
Effects, residual 376
Electroconvulsive shock 351
Electroencephalogram 311
Epinephrine 181
Ethanol 35, 74, 217
Exploration 166
Exteroceptive-interoceptive stimulus control 31

**F**

5-Hydroxytryptamine 78
5-Hydroxytryptamine receptors 150
Fluphenazine decanoate 101
Flurazepam 138, 376
Food intake 342
Frontal midline theta activity 311

**G**

GABA 61, 338
GABA agonists 338
Gas chromatography 178
Gerbil 345
Goldfish 74
Growth hormone 120
Growth hormone responses 263

**H**

Habituation 345
Halazepam 178
Haloperidol 24, 342
Hallucinogens 83, 156
Head twitches 10
Heroin 331
Histaminergic system 120
Hostility 53
Humans 14, 43, 46, 53, 61, 85, 96, 101, 106, 120, 138, 174, 178, 190, 192, 199, 221, 226, 231, 236, 240, 249, 254, 259, 275, 279, 305, 311, 338, 371, 374, 376
Hypnotic mediation 138
Hypoactivity 355
Hypoglycemia, insulin induced 46

**I**

Imipramine 96, 184
Inhibition, lateral 61
Insomnia 138
Interaction 31
Investigation 345

**L**

Learning 325
LDH 96
L-Dopa 345
Limb flicks 10, 83
Lisuride 38, 83
Lithium 143
Locomotion 50, 67, 166
LSD 24, 83, 156, 315

**M**

Maze, radial 325
Medication, antidepressant 43
Membrane preparation 96
Memory 161, 181, 226
Memory facilitation 161, 226
Metabolism 243
Methergoline 78
Methoxamine 243
Methylphenidate 61
Methysergide 38
Metenkephalin 315
Metyrapone 85
Mezilamine 29
Mianserin 209
Mianserin therapy 174
Mice 161, 284
Monoamine metabolism 279
Morphine 24, 113, 125, 351
Muscarinic 267
Muscarinic receptor 129

**N**

Naltrexone 1
N-Desmethyldiazepam 236
Neuroleptics 101, 342, 360
Neuroleptics, long-acting 371
Nicotine 93
Nigrostriatal 143
Noradrenaline 269, 374
Noradrenergic receptors 263
Norepinephrine 209, 243
Nortriptyline 14, 254
Nucleus accumbens 143

**O**

Octopamine 50
Open field behavior 10
Operant responding 156
Opioid peptides 120
Opioids 1, 315
Oxotremorine 29, 161

**P**

Pharmakokinetics 178, 236, 279
Penfluridol 46
Penile erection 38
Pentobarbital 74
Peptides 315
Performance 61
Perseveration 67
Personality 106
Phencyclidine 1
Phenylephrine 243
Phenytoin 166
Plasma level 14, 46, 174, 240
Plasma concentration 101
Plasma drug levels 249, 254
Platelets 96
Picrotoxin 166, 171
Pigeons 24, 29, 78
Pilocarpine 129
Pipradrol 113
Piribedil 345
Pizotyline 209
Polydipsia 143
Prolactin 46, 120
Prostaglandins 365
Psychopathology 14, 190
Psychotogen 10
Ptosis 243
Puffing behavior 106
Punishment 78

**R**

Rats 1, 10, 19, 31, 35, 38, 50, 67, 93, 113, 125, 129, 131, 143, 150, 156, 166, 171, 181, 184, 196, 206, 209, 214, 217, 243, 267, 269, 315, 319, 325, 331, 342, 351, 355, 365
Rearing 10
Recall 221
Reinforcement 287
Release 113
Reliability 190
REM latency 214
REM sleep 214
Renin 143
Reserpine 243
Response repetition 125
Response suppression 78
Retention 161
Retroactive interference 226
Reward 113
Rotorod 217

**S**

Salbutamol 355
Schizophrenia, chronic 259
Schizophrenics 101
Scopolamine 131, 267
Secobarbital 138, 221
Senile dementia 279
Sensitization 287
Serotonin 78, 156, 209, 269
Serum levels 371
Sex-linked difference 93
Sex-related differences 46
Shock 206
Side effects, neurological 101
Signal detection 125
Signal detection analysis 24
Sleep EEG 214
Smoking 106
State dependence 129
Stereotypy 67
Stimulant 287
Stimulants, psychomotor 113, 184
Stress 50
Strychnine 171
Sulpiride 259
Synaptic mechanisms 287
Systolic time intervals 174
Switching 67

**T**

Tail flick 351
Temperature 129
Thioridazine 29
Tolerance 74, 287, 351
Transmission, noradrenergic 50
Triazobenzodiazepine 275
Triazolam 275, 376
Tryphtophan 138, 284
Tyramine 181

**U**

Uptake 113

**V**

Visual masking 61

**W**

Withdrawal 101

**Z**

Zimelidine 85, 214
Zopiclone 311